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DR 1125 FEBRUARY 1980





METEOROLOGICAL DATA REPORT

19305A MLRS Missile No. 1144 Round No. V-112 07 February 1980

by

White Sands Meteorological Team

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ATMOSPHERIC SCINCES EARORATORY WHITE SANDS HISSILE RANGE, NEW MEXICO

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

ABSTRACT (Courtinue as reverse side if necessary and identify by block number)

Meteorological data gathered for the launching of the 19305A MLRS, Missile Number 1144, Round Number V-112 are presented in tabular form.

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SECTION OF THIS PAGE (When Date Entered)

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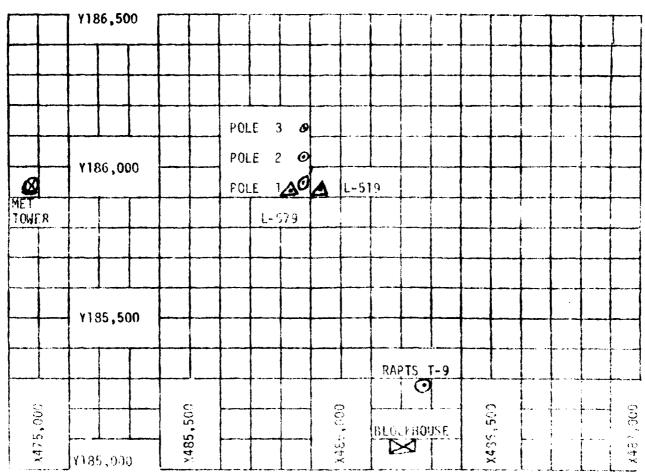
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	GRAAI
DDC 1	
Ву	
Distr	ibution/
Avai	lability Codes
Dist.	Avail and/or special

## INTRODUCTION

19305A MLRS	, Missile Number	1144	, Round Number V-112
			le Range (WSMR), New Mexico,
at 0900 MST on	07 Feb 80	The sch	neduled launch time was
0900 MST .			
	DISCU	SSION	
Meteorological data w	ere recorded and red	uced by the V	dhite S <b>ands Meteo</b> rological
Team. Atmospheric Sci	ences Laboratory (AS	L <b>), White</b> Sar	nds Missil <mark>e Rang</mark> e, New Mexico.
The data were obtaine	d by the following m	ethods:	
1. Observations			
a. Surface			
			clude pressure, temperature
			m <sup>3</sup> ), Wind direction and speed,
			t Site at T-O minutes.
	·		existing pole-mounted and
			speed and direction from one
anemumeter was also p  b. Upper Ai		n control ro	om.
		a obtained fo	rom RAPTS T-9 pibal observa-
tion at:	iever wind data wer	e obtained in	rum KAPIS 1-9 Pibai coserva-
cron ac.			,
	SITE AND	ALTI TUDE	•
	LC-33	2 km	
	Nick	2 km	
(2) Air	structure data (raw	insonde) were	e collected at the following
Met Sites. Data were	collected from surf	ace to <u>96</u>	500 feet in
500-feet increments.			
•	<del></del>	ND TIME	
	WSD	0928 MST	





- 1. MET TOWER 4 Bendix Model T-20 Anemometers at 12 ft, 62 ft, 102 ft, and 202 ft with E/A recorders.
- 2. POLE ANEMOMETER Bendix Model T-120 with E/A recorders.
  - (a) Pole #1 38.7 ft.
  - (b) Pole #2 53.0 ft.
  - (c) Pole #3 83.6 ft.
- 3. RAPTS T-9 Radar Automatic Pilot-Balloon Tracking System T-9 Radar.

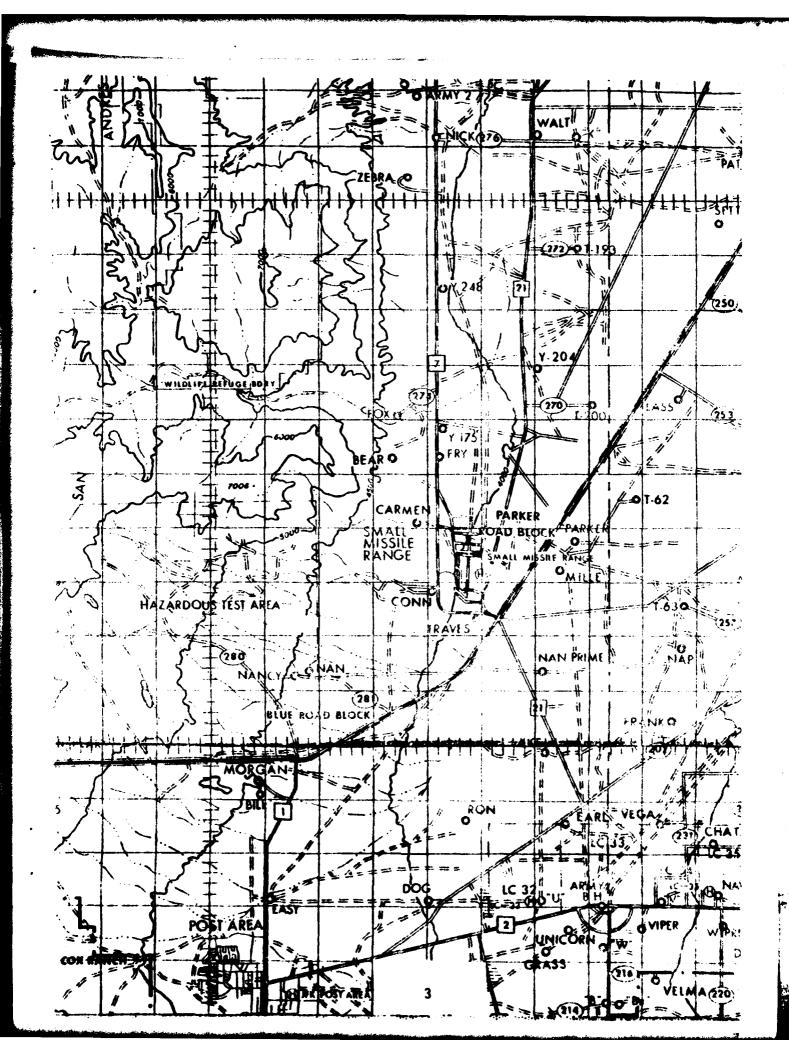


TABLE 1. Surface Observations taken at 0900 MST, 07 February 1980, at LC-33, 19305A MLRS, Missile Number 1144, Round Number V-112.

ELEVATION	3983.0	FT/MSL
PRESSURE	<b>868.</b> 7	MBS
TEMPERATURE	15.3	°C
RELATIVE HUMIDITY	31	%
DEW POINT	-1.6	°c
DENSITY	1045	GM/M <sup>3</sup>
WIND SPEED	04	KTS
WIND DIRECTION	276	DEGREES
CLOUD COVER	1	Ci

T	AB	L	E	

Y185,95	485,874.29       X485,874.93       X485,877.29         185,958.90       Y186,012.00       Y186,116.06							
T-TIME SEC	DIR DEG	SPEED KTS	T-TIME SEC	DI R DE G	SPEED KTS	T-TIME SEC	DIR DEG	SPEED KTS
-30	197	06	-30	213	06	-30	180	05
-20	204	06	-20	213	05	-20	180	05
-10	210	05	-10	216	04	-10	240	04
0.0	195	05	0.0	198	05	0.0	182	06
+10	203	05	+10	201	04	+10	219	07

TABLE\_\_\_\_

3 LC-33 METEOROLOGICAL TOWER ANEMOMETER MEASURED WINDS (202 FT TOWER)

LEVEL #1, 12 X484,982.64		73, H3983.00 (base)	LEVEL #2, 62 FEET X484.982.64, Y185,057.73, H3983.00 (base)			
T-TIME SEC	DIR DEG	SPEED KTS	T-TIME SEC	DIR DEG	SPEED KTS	
-30	293	04	- 30	281	05	
-20	297	04	-20	278	05	
-10	297	04	-10	275	05	
0.0	276	03	0.0	268	05	
+10	276	04	+10	288	05	

LEVEL #3, 10 X484,982.64,	2 FEET Y185,057.7	3, H3983.00 (base)	LEVEL #4, 20 X484,982, Y1		3983.00 (base)
T-TIME SEC	DIR DEG	SPEED KTS	T-TIME SEC	DIR DEG	SPEED KTS
-30	291	05	-30	267	04
-20	275	05	-20	282	04
-10	274	05	-10	267	03
0.0	270	04	0.0	245	03
+10	294	04	+10	237	04

## PILOT BALLOON MEASURED WIND DATA

TABLE4									
RELEASED	FROM LO	:-33		DATE	07 F	ebruary 19	80	_TIME0900	MST
					486,037				
NOTE: W	IND DIRECTI	ONS ARE	RE F	FERENCED T	O TRUE NORT	н			
HEIGHTS	ARE METERS	AGL_XX	GR	FEET AGL_	•				
HEIGHT	DIRECTION DEGREES	SPEED KTS			DIRECTION DEGREES	SPEED   KTS	HE I GHT AGL	DIRECTION DEGREES	SPEED KTS
SFC	276	04	ŀ					555.1255	
90	MISG	MISG							
150	263	07			<del></del>	<b>†</b>			
210	265	10	1						1
270	265	10			<del> </del>				
330	265	11				<b>†</b>			
390	264	08	1						
500	265	11				<del> </del>			
650	265	16	1						
800	267	13							
950	266	13							
1150	254	17							<del> </del>
1350	241	26	1						
1550	236	33	1						
1750	223	41	1					***************************************	
2000	230	42	1					Proposition and Palace States and the second states and the second states and the second states and the second	
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	<del> </del>					-		engelikkense emene em <u>en</u> genyami, melinaga am	
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<u> </u>	<del> </del>	<del> </del>							<del></del>
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		<del> </del>	1						
	<del> </del>		1					tradition of the secondary of the second	
		<b></b>	1						
- <del></del>	<del> </del>	<b> </b>		<u></u>					
ļ <del></del>		<b></b>	1						
	<del> </del>	<del> </del>	1						
	<del> </del>		1						
<b> </b>	<del> </del>	<b></b>	1				ļ	and the second s	

#### PILOT BALLOON MEASURED WIND DATA

TABLE	<u> </u>								
RELEASED	FROM Nicl	<u>k</u>		DATE	07 Feb	ruary 198	80	TIME 0900	MST
								54 H= 41	
NOTE: W	IND DIRECTI	ONS ARE	REF	ERENCED 1	O TRUE NO	KTH			
	ARE METERS								
	DIRECTION DEGREES				DIRECTION	SPEED KTS	HEIGHT AGL	DIRECTION DEGREES	SPEED KTS
SFC	270	15		7100	BEGINEES	1.13	700	DEGINEES	1
90	260	15				1			
150	265	26			<del> </del>				
210	270	26							<u> </u>
270	265	32							
330	265	33		<b> </b>			•		
390	265	34							
500	265	36	1						
650	260	34							
800	250	35							
950	250	35							
1150	245	39							
1350	235	41							
1550	240	41							
1750	240	43							
2000	230	42							
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				<u> </u>					
			]						
			ľ						

3989.00 FELT MSL	US28 HKS 351
ALTITUD	7 FEB. 80 ASCENSION NO. 1
STATION	ASCENSIC

5,17		
SIGNIFICANT LEVEL	950020050	WHITE SANOS

TABLE 6

6EODETIC COORDINALES 32-40043 LAT UEG 106-37033 LON LEG

PRESSURE	GEONETAIC	o n	RAIURE Offenduici	REL NUM.
MILLIHAK		REES	i iu	
869.1	⊕\$	S	20.00	29.0
- 7	4236.8	•	<i>3</i> .	•
850.0	06.	14.1	#	
780.1	954	6°9	70.3	43.0
700.0	41.3	٠. د	-10.0	
68n+3	C	•	Ü	~
0.699	57.	-2.2	ď	•
641.2	12132.9	•	-19.8	26.0
9.509	3500.	6.9-	'n	26.0
500.0	SIFF	-20.0	ţ	27."
8.044	14.25°	-28.3	3.	34.0
•	0	-32.4	*	32.n
400.0	3594.	-32.1	にょりすー	C
368.8	:564.	+36.4	-	31.0
356.8	r315.	-38·9	140.0	
300.0	C	-48·n		
282.6	3442	-50.0		
•	.020	14041		
250.0	0000	6.40-		
-	0.35.0	た。のオー		
		ついいきょ		
_	1769.	•		
153.6	:+	•		
_	5255			
126.6	EG782.1	-60.3		
	4 7 7 7			
100.0	3965	•		
٥	54385.6	٨		
3.0%		6		
•	611830.7			
59.0	00	-62.3		
† n †	916			
30.0	~	•		
•	600	å		
23.8	S.	-53.2		
20.02	87013+3			
12.6	6,540,8	81 * B C C C		

UPPER ATT DATA 0580920300 WHITE SANES INDEX

GEODETIC COGNUINATES 32.40043 LAT DEG 106.37033 LON DEG

SECULIFIED	PRESSURE	TEM	TEMPERATURE	NIN' LAG	DENSILY	TO CITY	ATAG CATA	4	INDEX
ALTITUDE MSL FEET	MILLIBAKS	A.I.	DEMPOYNT CENTISHADE	PERCENT	K/CUBIC METEP	SOUND	DIRECTION DEGREES (1N)	SPEED	OF REFRACTION
3989.0	1.699	15.8		თ	045	3	70.	Š	.00025
_	868.8	15.8		Ġ	045	- 1	270.0		Ω
4500.0	853.5	14.5		38.6	1030.5	9	507.4	15.8	.0002
50000	437.4	•	5	39.7	017.	659.8	\$20	ນ	• 00025
5500.0	822.1	11.4	-1.6	0	. 400	2	٥	S	•00054
0.0000	807.0	•	-2.7		92.	3	201.0	ນໍ	00.
6.00.0	193.2	•	£ €	42.2	.61	54.	25814	ŝ	2000•
7000.0	178.8	6.8	か・コー	'n	57.	55	254.0	نُ	5000+
	(64.5)	•	-5.9	3.	952.5	51.	7.642	ů	-n005
8000	1.05/	4.3	6.0	43.7	0	•	244.3	•	1-000227
6500.0	136.1	•	0.6-	べ・オオ	926.5	640.0	÷ C +	3	.0002
9000-0	(55.5	•	0.6-	១ • ១១	-	646.5	57.	ġ	• 0002
9500.0	0.601	•	C			645.0	525	÷	•00u5
10000	992.6	<b>7</b>	-11.2	:j	883.3	643.5	* #	å	2000
10500-0	<b>682.</b> 6	8• <b>1</b> -	-1.2.6	43.2	•	642.2	ñ	å	-0003
11000.0	/ -699	-2.5	্ৰে চ	7	-	641.5	257.3	7	1.000199
11500.0	057.0	-2.6		\$	845.2	041.1	43.	ŝ	.0001
12000.0	0440	-3.0	O,	26.0		640.0	245.7	7	1.000192
12500-0	632.2	•	()	÷	•	639.5	<b>t</b> to.	6	000
13000.0	620 • U	~5.3	-21.8	25.0	805.0	€37.8	247.1	ស្ន-ព្	.0001
13500.0	1.800	-6.6	2	0•97	-	650.2	_	ċ	.000
14000.0	2.960	<b>→8•</b>	-7	26.1	782.8	634.6	200-3	٠	.3001
14500.0	284.4	5.6-	3	26.2	_	635.9	250.4	ġ	0001
15000.0		•	0,	25.3	•	7	250.0	47.0	• r0n1
15500.0		•	27	56.4	-	629.6	251.0	7.	00
10000		13	a:	26.5	758.0	628.0	250.5	Ø	1000
10500.0		-14.8	ŝ	26.6	•	Ω	・ウェ	•	•00016
17000.0	528.0	-16.2	-30.9	26.7	-	9.429	2+8+2	ċ	2
17500.0	218.4	17	N	<b>26.</b> 8	706.2	655.9		ċ	•00016
18000.0	206.1	-18.9	m	56.9	96.	621.3	•	51.5	• 00015
18500.6	⊃•8 <b>6</b> \$	500	34	27.2	685.8	9.619		'n	90015
19000.9	487.	21.	N)	28.4	75.	-	ż	'n.	•00015
19500.0	471.6	•	n	29.5	65.	~	2.84Z	÷	.00015
200002	#67.5	24.	-36.7	30.7	•	614.5	2	ċ	1.000147
C.00502	4-40p	3	-37.6	31.9		-	* * *	59.1	•9001¢
21000.0	・・むせき	•	1.00°	33.0	5	611.1	20.	:	014
21500.0	#:62#	28	Ů.	33,9	25.	.60	2-1-2	ė	.50014
22000.0	4.004	29.		33.6	Ġ	6,18.1	36.	9.29	
22500.0	421.0	٠	9-14-	32.8	9.409	٠	90	61.3	1000
23600.0	475.03	-31.8		9. KM	, i	605.3	5.102	÷	1.900123

STATION ALTITUDE 3989.NO FEE T FEB. 80 0928 HKS ASCENSION NO. 58

UPPER AIR LATA

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S MSI	S'NAS BLIHA	32.4004.50
	TABLE 7 (cont)	7 cc0/c-901

GLUMETAIC ALIITUUE MSU EPVI	PRESSUME MILLIBARS	TEMPE AIX DEGREES	PERATORE DESPOYAT	AEL HUM. PERCENT	OFISITY GNZCUBIC WEIFFR	SPEED OF	EIND DATA	SPEEU KNOTS	INDEX OF
		,				•	;	)	
23500.0	1.907	-32.2	のものまし	•	_	504·7	・かす		.0001
•	7 - 160	32	*	•	-	604.0			.0001
24570.0	386.5	•	•	٠	-		17.	'n	.0001
25000.0	378.0	-35.1	-46.1	•	_	661.1	.95	67.8	.0001
55500.0	369·B	•	7.	31.0	_		53	•	·0001
25000.0	361.8	-37.8	٠٠,	•			0	71.0	0001
26500.0	353. B	-39.4	•	ιĊ.	_		246.7	•	.0001
27000.6	7.557	9.05-		*3.	_		4.7	å	.0001
275UU·0	338.∠	-41.8	-55.2	* *	•		547.5		.0001
2-0000	336.0	-43.1	•	*	200+6	5.00.9	247.0	55.2	9
28500.0	323.3	N. 44-	0.19-	* 77 •			ř	;	.9001
29000.0	316.0	-45.5	-6.4.7	• 3,*	•	_	240.0	;	.0001
29500.0	30600	-40·B	1.69-	•	•	_	245.5		1000
30,100.0	302.1	30	0.08.	Ç!	•	_	2.44.7		.000
20500.0	292.5	30			•	583.5	245.0	68.5	.000
31840.P	2.88.5	3.64				_	246.0	÷	.000
31500.0	281.4	Ç,			•	_	24.7.5	79.0	0000•
32000.0	c.572	-43.2			446	_	た・おすべ	_	.0000
32500.0	2,692	40,				2	2.6.52		0000-
33000.0	7997	÷				5.036	250.7		ນິບ <b>0</b> ນໍ•
2350E+3	257.2	T.			-	'n	252.1	•	• กิบกูก
34000 · 0	t.157	の・オオー				å	255.7	_	0000•
34500.0	P-542	+ 2				å	222.6	•	0000
0.00000	0.047	-44.5				ċ	257.4	_	•0000
\$550 <b>0•0</b>	<34.	0.0771				ċ	253.1		30000
30000	453·0	すコ			349.1		258.2	68.0	• 9000
26500.n	<b>554.</b> 0	43.			-	ċ	257•4	_	ċ
37000°	<b>&lt;1617</b>	π 3			÷	÷	22001	_	.0003.
37500.0	21d.5	きささ			3	*	\$20.1		•
0.00000	· 607	7.55-			•	<u>.</u>	522.6	'n	.00007
<b>38500.</b> 0	202.0	t			å	•	255 · I	<b>:</b>	.0000
240110.0	2007	45.			å	•	524.0	ġ	90000
29500.0	r-967	-45.5			•	547.7	524.9	110.7	0
0.000a	C•161	ġ			'n		250.1	:	+00000·
3.00204	187.2	•9			2	•	257.6	ċ	90000
•	182.9	47			å	•	200.7	•	.00000
41500.0	178.8	œ æ			å	584.6	'n		8
000	174.	¥			÷	•	272.1	•	• 90uuc
3000°	1.021	#			•,	45	÷	8	.00000
4.5000.0	160.	-20.9			261.4	•	260.0	38.1	•00000

\*\* AT LEAST ONE ASSUMED RELATIVE HUMIDITY VALUE WAS USED IN THE INTERPOLATION.

UPPER AIR LATA	00000000 00000000000000000000000000000	TABLE 7 (cont)
	JANION ALITIONE JUSTON FEET MAL	ASCENSION NO. 56 CALO TING BUT

GEODETIC COORDINATES 32.40043 LAT (1EG 106.37033 LOH DEG

GEOME TRIC	PRESSURE			H. H.	×115ge		3 (N) 3	<b>4</b>	INDEX
ALTITUDE MSL FEET	MILLIBAKS	AII DEGRI	CENTIGRADE CENTIGRADE		ن		DIRECTION DEGNERSCIN	SPEED	OF NEFRACTION
43500.0	162.4	-52.0			256.6	579.3	285.8	41.9	1.000057
0.000**	1.651	-53.1			551.9	577.9	3	48.2	00.
##20 <b>0</b> •0	155.4	#			247.3	576.5	250.5	26.7	•
45000.0	151.6	-55.0			242.5	575.3	270.8	9.49	•
45500.0	7.841	-55.7			237.5	574.4	273.5	72.0	•0000•
46000.0	7-557	-56.4			232.6	573.5		•	•
46500.0	141.3	_			•	572.6	207.3	87.2	1.0000.1
47300.0	137.9	-57.8			223.1	571.7	255.8	9.06	00.
47500•0	134.	$\mathfrak{D}$			218.5	570.7	265.3		90.
44000.0	131.5	O.			214.1	509.8	264.6	80.7	1.300046
48500.0	120.3	•			209.0	569.9	40	S.	1.000047
43000.0	125.3	•			205.3	567.9	260-1	80.7	•
0.00564	122.4	-61.4			201.1	5,6.9	204.0	78.5	1.000045
200000	119.0	-62.2			197.0	5,5,3	504.1	3∙92	•
3.00°00	110-4	-63.0			192.9	504.7	563+5	75.8	1 • 004043
510000	115.0	~£3•8			158.9	563.7	265.1	75.5	1.000042
51500.0	110.8	-64.3			154.8	503.0	20218	ů	•
52000+0	108.1				180.3	563.0	500.J	ń	•0000
52500.0	105.4	÷			175.8	563.0	504.3	71.5	0000
53000.0	102.8	•			171.5	503.0	500·	70.2	•
53500.0	100.3				167.3	503.0	2•8 <b>4</b> 2	69.5	.0000
24000.0	<b>6.7</b> 0	•			164-1	521.6	270.1	68.3	79000
0+00°+¢	95.5	1.6.3			160.0	5.0.6	27.00		•00000
5-00055	1.56	-65.1			156.0	501.9	273-1	ŝ	1.000035
0•20544	か・06	7.4.5			151.5	503.2	216.1	51.8	• 00003
0.000gc	88./	-63.2			147.1		264.0	37.9	•
26200.0	86.0	-62.3			142.9		5.662	n	.000n.
2.00076	3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 ·	-61.3			158.8		350.5	15.0	1.000031
2/500.0	82.4	-60.3			*	568.3	36.1	21.9	٠
0.000ac	† : 000	120.4			3	•	J . O.J	24.0	• 00005
20200.0	10.	-59.5			÷	569.4	•	26.2	• 00005
0.00000	76.5	0				568.6	•	20.3	2000
24500.0	**	•			122.5	567.8	13.1	11.5	•
<b>6</b> 00000	4.27	-61.4			119.9	5e6.9	310.0	9 <b>.</b> ¢	•
60500.0	71.2	62.			•	500.1	209.0	16.8	• 0000
010000	67.	162. t			•	565.0	255.6	•	1.000026
01200.0	67.5	-62.4			•	505.0	7556	ຕໍ	70000
05000 C	66.03	4.029-			9+50# -50#	0 <b>.5</b> .0	224.6	3	1.0000.4
0.2500.D	•	-62.4			•	Ω	250.7		20000
0.000000	9.69	-62.4			104.0	•	7.708	ò	1.000023

A Comment of the Co

		14.
STATION ALTITUDE 3989.00 FEET HSL	3989.00 FELT HSL	5
7 FEB. 80	USS HAS NOT	*
ASCENSION NO.	200	_

FFER AIR LATA 0380220058 WHITE SANDS

GEODETIC COORDINATES 32-40043 LAT DEG 106-37033 LON PEG

GEUME INIC	PRESSURE	15.5	TEMPERATURE	** 1 * 1 * 2	YILD	SPEED OF	#IND DATA	4 1	INCEX
ALITODE	NILLIBAKS	AIR	CENTRONAL CENTRONAL	+ 10° 00° 00° 00° 00° 00° 00° 00° 00° 00°	CVZCUMIC	SOUND NROTS	DIRECTION DEGREES(1.1)	SPEED Ku0TS	OF REFRACTION
0.005c9	61.4	4.89			101.5	5,5.6	6.545	29.9	1.000023
0.000	29.4	-62.4			•	5,5		7	
0.00540	58.2	-62.3			ဲ့	565	5-803	•	20000
0.00000	57.1	-62.5			€•±6		2	21.5	1.000021
3520O•0	25.1	-62.3			92+0		20475	-	1.000020
<b>0•0</b> 000	54.5	-62.5			•		247.5	3	1.000020
0.00500	53.0	-62.3			87.6		313.0	13.0	1.000020
6.000.0	21.1	-62.3			85.5		3.50-3	ò	0000
67.50U·0	50.0	-62.3			83.4		3430	<b>P</b> 7	10000
D•01/00	<b>9</b>	-61.9			81.2		32.00	15.2	1.000018
68300.0		-61.2			79.0		₹+00\$	16.7	1.000018
0.000,60		-60.5			6.07		33216	17.2	1.00017
<b>9</b> 00€69		-50.9			74.8		555.4	17.1	1.000017
7.0000v		-59.5			12.8		301.5	16.0	1.000016
7.500.0		€.88•			6.07		Sec. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	15.0	
71600.0		*58.5			2.64		\$ 35.50	K. 8.	1.000.15
71530.0		158.1			67.5		501-5	1.51	1000
72000.0		-58.2			8.53 8.53		367.2 10	. • ¥ ₹	1.000015
7.4500.0		0.86-			2++9			11.	1.000014
73040.3		-57.3			0.34 0.34		80549	11.	1.000014
1.55cu		157.0			£. £	572.0	.195	12.7	1.000014
0.000p		オ・トント			2006	572.2	297.6	13.7	1.000013
74500.0		Ľ			53+1	572.5	0.450 0.450	14.0	£1000013
บ•na′. </th <th></th> <th>ជា • // ហ្គា</th> <th></th> <th></th> <th>1.00</th> <th></th> <th>かっている</th> <th>15.0</th> <th>1.000033</th>		ជា • // ហ្គា			1.00		かっている	15.0	1.000033
75598+3		ም • • • • • • • • • • • • • • • • • • •			55.3		は・260	16.9	1.0000)2
0 • SS - S	(35)	0.0			0.00		で、サラス	17.5	1.000012
75500-0	22.0	155.4			52.6		2.662	18.2	1.000012
0.000//	35.0	ഗി			51.3		302.7	17.5	
0.00.577	21.10	Ω.			1.00		311.4	16.8	1.000011
0.000		n ı			P . R .	574.4	320 · D	16.5	
•	· · · · ·	5. 1			47.6	274.8	351.2	15.0	1.0000.1
0.00067	1 × ×	0 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1 :			7.07	5/2.5	342.	16.0	1.000010
0.00367	282	n,			45.5		350+1	16.2	.0000
800000	27.1	2			*	S	351.5	15.5	1.000010
<b>6</b> 0500-0	27.1	ر. ا			N	577	353.0	15.0	1.000010
910018	26.5	S			Ø•₹#		349.0	14.2	
91500.0	22.3	5.			ċ	578	335.4	13.5	1.000009
9		÷.				•	3/110	13.6	1.5000069
0007	7- 12	3				5,77.9	309.0	14.6	1.000009
D+00/00	7 * * 7	100.2			36.1	577.8	301.0	16.9	1.000003

	SCENSTON NO. 58				TABLE 7 (cont)	7 (cont)		106.	106.37033 LOH DEG
ALTITUDE	PRESSUNE	TEMP	RATURE DEWPOINT	REL.HUM. PERCENT	DENSITY GM/CUBIC	SPEED OF SOUND	WIND DATA	SPEED	INDEX OF
r reer	Mileibans Sich	UE GREES	CENT LORADE		F   F   F   F   F   F   F   F   F   F	K-0015	DEGREES 1187	19.5	1.000008
3 (		75.5			•		30.130	3.70	# 5 C C C C C
84500.0	200	1961			0.00 0.00	5,0,0	291.7	20.00	1.000008
85000-0	22.0	-50.7			7.75		292-1	20.5	1.000008
65500.0	21.5	-50.0			33.5		292.8	19.2	1.000007
900099	21.0	-49.3			•	5,2.9	574.4	16.9	1.000007
86500.0	20.5	-48·5			31.8	563.9	59.0·d	14.7	1.000007
87600.0	20.0	-c.7.8			•		298.7	12.4	1.000007
67500.0	19.6	#* L # -			30.5		301.0	10.0	1.000001
88900.0	19.1	-47.0			29.5		300.2	7.6	1.000007
80500.0	19.	9.91-			23.6		314.0	5.3	1.000006
85000-0	18.3	-46.1			28.1		322.6	J. 4	1.000006
89500.0	7.21	-45.7			27.4		17.8	8.5	1.000000
900006	17.5	-45.3			26.7		46.3	2.1	1.000006
90500.0	17.1	0·+1-			26.1		268•1	1.9	1.000006
91000.0	16.7	く・ササー			25.5		255.3	5.4	1.000000
91500.0	16.3	-44.1			54.9		251.5	9.6	1.000006
92000.0	16.0	-43.6			24.3		253.9	17.3	1.0000005
92500.0	15.6	-43.2			23.7		254.8	24.7	3.00005
95000.0	15.3	-45.8			23.1		2555	31.6	1.00005
93500.0	74.7	+*2+-			22.6		254.7	32.2	1.000005
94000-0	34.0	-42.U			22.0	592.3	254.1	32.8	1.000005
94500.0	14.3	-41.5			÷	592.9			1.000001
0.00006	14.0	-41.1			21.0	593.4			1.000005
95500.0	13.7	-40.7			20.5	594.0			1.000005
96000.0	13.4	-40.5			20.0	594.5			1.000004
•	13.1	D.VE-			19.5	595.0			1.000004

STATION ALTITUDE 5989.00 FEET MSL 7 FEB. 60 U923 HKS MSI ASCENSION NO. 58

MANDATONT LEVELS 3350020056 WHITE SALLS TABLE 8

GEODETIC COORDINATES 32-40043 LAT DEG 106-37033 LON DEG

PHESSURE	PHESSURE GEOPOTENTIAL		TEMPERATURE.	NEL . HU.	WIND FIRTA	1674
		35 EX	DEMPOINT	FERCENT	DIRECTION	SPEED
MILLIBARS	333	0567888 (	DEG YES CENTISHALL		DE CHELS (TN)	
0.958	4004.	14.1	† •	39.	267.3	15.8
800.0	6256 ·	0.6	3.€	45.	5.097	15.6
750.0		E • 4	7.9-	**	0 · 110	20.3
0.007	5833°	į,	-10.6	<b>.</b> 5	0.462	34.4
0.059	<b>4</b>	-2.8	-19.0	26.	5 <b>+ 11 +</b> 2	30.7
0.009	136 19.	-7.5	-23.6	<b>56.</b>	250-4	44.5
550.7		-13.5	-28.6	27.		48.3
0.00S	18377.	-20.0	1-96-	27.		52.3
0.054	*\$0502	-20.9	-38.5		25013	6.09
t.00t	23034.	-32.1	3.Ch-	32.		53.5
350.0		0.05	-51.5	****		<b>9.</b> 59
300.		4.4.4		ì		4.3.4
250•0		0.11.1			254+2	75.3
200-0	18.45.74	-45.0				100.7
175.1		14.7				47.2
150.		# 5.5.C				0.00
125.3		2 09 <b>-</b>				<b>5.</b> 03
100.						54.1
80.0		7.65				54.3
70.0		# - 29-				2.3.0
69.3		-6.2.4			263.0	27.3
50.0	•	-60.43				14.3
1: -0 %		*** **********************************			316.0	11.3
100		155.8			320.0	10.1
25.1	00 kg	1000			317.2	13.9
· 0>		8.14			298.0	12.6
2.01	。 ごます た こ こ こ こ こ こ こ こ こ こ こ こ こ こ こ こ こ こ	# 6.5±			5.452	32.0

\*\* AT LEAST ONE ASSUMED RELITIVE HUMBOTTY VALUE WAS USED IN THE INTERPOLATION.